

**STUDENT HONORS AND AWARDS
CLASS OF 2024**

- 29 National Merit Scholarship Semifinalist (Class of 2024)
- 67 National Merit Commended Students (Class of 2024)
- 26 National Merit Scholarship Finalist (Class of 2024)
- 5 College Sponsored Merit Scholar (Class of 2024)
- 2 Corporate - Sponsored Merit Scholar (Class of 2024)
- 10 U.S. Presidential Scholars Candidates (Class of 2024)
- 2 U.S. Presidential Scholars Semifinalist (Class of 2024)
- 137 Maryland Seal of Biliteracy (Class of 2024)

2024 AP Exams

- 304 AP Scholars with Distinction
- 88 AP Scholars with Honor
- 183 AP Scholars



**Richard Montgomery High School has been recognized as a Blue-Ribbon School
by both the State of Maryland and the U.S. Department of Education.**

Staff at Richard Montgomery High School have won local and national recognition including: Montgomery County Washington Post Principal of the Year 2019-2020; MCPS Teacher of the Year (2017-2018); Marion Greenblatt Teacher Awards (2017, 2011, 1999); MCCPTA Principal of the Year (2016) and international recognition including: Fulbright exchanges to Japan (2006) and Ghana (2008). They have won selection as master examiners and workshop leaders for the International Baccalaureate Organization. In addition, numerous teachers have earned National Board Certification for Teachers, published books and in scholarly journals, served as Advanced Placement graders, and on the MCPS Curriculum and Assessment team.

EXTRACURRICULAR OPPORTUNITIES

Richard Montgomery High School is proud to offer students a rich and varied selection of clubs and societies.

Activism: Climate Club, EcoMoco RMHS, Food Allergies Rock!, The Green Team, Health Care Access for All (HAFA), Mindful Athletes Alliance, My Neuro-Corner, Ocean Conservation Club, Rare Diseases Club, Refugee Aid and Awareness Club, Rocket Minds Matter, National Organization for Women, Campus Action Network (RM NOW CAN), Sexuality and Gender Alliance (SAGA), Save Our Soil (SOS), Sri Lankan Youth Organization, Students Against Antisemitism, Students Against Trafficking, Students Demand Action, Student Equity Committee (SEC), UNICEF

Athletics: RM Athletics Program involves nearly 400 student-athletes in football, soccer, tennis, field hockey, cross-country, golf, volleyball, cheer-leading, and poms. Please visit www.RocketAthletics.org for team schedules, scores, rosters, news and events.

Arts: Calligraphy, Classical Arts and Humanities Club, Marching Band, National Art Honor Society, National Tri-M Music Honor Society, One Acts, Resonance, RM Art History Club, RM Dark Room, RM Karaoke Club, Short Film Club, South Asian Acapella Group (SAAG)

Business: Distributing Education Club of America (DECA), RM Investment Club, Young Investors Society

Culture and Identity: Arab Student Organization, Asian American Club, Black Student Union (BSU), Chicas Charlando, Chinese Traditional Instrument Club, Chinese Honor Society, Ethiopian Eritrean Student Association (EESA), Fellowship of Christian Athletes (FCA), Jewish Student Union, Japanese Club, M2 (Multicultural & Multiracial Club), Middle Eastern North African Arab Club (MENA), Muslim Student Association, Myth Club, National French Honor Society, National Spanish Honor Society, Tea Club, Little Manilatown, Southeast Asian Club, South Asian Student Association (SASA)

Community Service: Bakeaway Club, BranchOut! X RM, CAPSA Tutoring, Caring Through Calisthenics, Compostology, Families 4 Families, Generation Z Tutoring, Interact Club, Jars of Hope, Kicks Out of Kindness, Kits to Heart, Letter of Love, Lifesavers, Paramount Learning, Patient Love for Teens, Paws for a Cause, Readability Club, Red Cross Club, Rocket Helpers, Small Things Matter, Storytime Circle Club, Swift Club, Thoughtful Treasures Club

Hobbies and Games: Cardboard Community, Chess Club, Content Creation Club, Crafty Corner, Cubing Club, Dungeons & Dragons Club, Formula 1 Club, Gaming Club, Game Maker Club, Geoguessr Club, Puzzle Hunt Club, Quizbowl/It's Academic, RM Cars and Coffee, RM Lego Club, The Fishing Club

Homework Club: Homework Club meets every Thursday after school until 4:15 in the back of the Media Center. Tutors and snacks available. All are welcome.

Language Arts/Acquisition: American Sign Language Club, Banned Books Club, Creative Writing Club, Diversity Book Club, Fine Lines, Forensics, For the Plot, Marooned, MoCo for Literacy, National English Honor Society, RM Book Club, RM Lit Club, The Tide

Leadership: Ladies With Character (LWC), Minority Scholars Program (MSP), National Honor Society (NHS), National Society of Black Engineers Jr. (NSBE), Rockets 4 Success, SGA, TEDx RM, The Jaguar Scholars Program (JSLP)

Math and Logic: Debate Team, Mathletes, Math Modeling Club, Math Team, National Math Honor Society

Non-Varsity Sports and Fitness: Bollywood Dance Club, Cricket Club, Elite Spike Ball, Girls' Boxing, Gym and Nutrition Club, RM Gabbling Club, RM Outdoors Club, RM Rock Climbing, Table Tennis Club, Weightlifting Club

Science and Technology: 3D Printing Club, Active Medical Professionals (AMP), Astrophysics Club, Biology Club, Chemistry Club, Computer Team, Doctors with Degrees, Engineering Club, Envirothon, Hispanics in STEM, Girls Who Code, Kids Are Scientists Too (KAST), Kid Coders, Machine Learning Club, MED Analytic Leaders (MEDAL), MedTech, Mycology Club, National Computer Science Honor Society, National Science Honor Society, National Society of Black Engineers, Nutri-Service Club, Physics Support Club, Quantum Club, RM Cybersecurity Club, RM Emerging Diseases (RMED), RM STEMConnect, Robotics, Science Olympiad, STEM Bound, Teach and Learn Code, Women in Stem (WISTEM)

Social Studies: Archaeology Club, Economics, Government, and Politics, Linguistics Club, Model Congress, Model UN, National History Honor Society, Philosophy Club, Psychology Club, Student Law and Policy Club

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Montgomery County Public Schools / Department of Family and Community Partnerships / 451 Hungerford Drive / Rockville, Maryland 20850-1744

**2024-2025 Profile
RICHARD MONTGOMERY
HIGH SCHOOL
Founded 1892
250 Richard Montgomery Drive
Rockville, Maryland 20852
Main Office Telephone: 240-740-6100
Counseling Office Telephone: 240-740-6120
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ADMINISTRATION

- Principal Ms. Alicia Deeny
- Assistant Principal Mr. Matthew Martini
- Assistant Principal Mr. Kevin Jefferson
- Assistant Principal Ms. Robin Wheeler
- Assistant Principal Ms. Sara Baudry
- Magnet Coordinator Mr. Joseph Jelen

SCHOOL LEADERSHIP

- IB Diploma Programme Coordinator Ms. Amanda Trivers
- IB Middle Years Programme Coordinator . . Ms. Molly Clarkson

SCHOOL COUNSELING DEPARTMENT

- Resource Counselor Ms. Antoinette Phillips
- Counselor Ms. Evan Anderson
- Counselor Ms. Shannon Chen
- Counselor Mr. Paul Craft
- Counselor Mr. Geoffrey Finch
- Counselor Ms. Betsy Galiano
- Counselor Ms. Erica LeBright
- Counselor Ms. Megan Litten
- Counselor Ms. Brigid McKelvey
- Counselor Ms. Virginia Stouffer
- Registrar Mr. Marcus Turner
- College and Career Coordinator Ms. Lisa Miller

THE COMMUNITY AND THE SCHOOL

Richard Montgomery High School (RMHS) opened in 1892 as the first high school in Montgomery County. It is located in Rockville, Maryland, a suburb in the Washington, DC, metropolitan area. The Rockville community makes up the second largest city in Maryland and has a socio-economically diverse population representing the cultures of 70 countries. With 27% Hispanic students, 16% African American students, 23% Asian students; 28% White students; 6% multiracial students; 41% of students who participate in the Free and Reduced Meals System (FARMS); 215 Special Education students and 240 Emergent Multilingual Learners (EML), RMHS mirrors the diversity of Montgomery County. A school of 2,371 students, RMHS maintains a comprehensive four-year curriculum that includes the students of an International Baccalaureate Program, a Middle Years Program, a rich Advanced Placement Program, an Honors Program, Special Education, and an English Language Development Program (ELD Program). The school benefits immensely from all of its programs and has blended them into a unified and successful academic community.

ACADEMIC PROGRAMS

ADVANCED PLACEMENT AND HONORS PROGRAM:

Richard Montgomery High School has received national acclaim for the depth and breadth of its Advanced Placement (AP) Program. Students may choose from among 26 AP courses. For the May 2024 AP exams, Richard Montgomery administered 2,508 exams to 1,172 students. Of the 2,508 scores, 84% were 3 or higher, and 63% were 4 or 5. In addition to AP and IB courses, Richard Montgomery offers honors, certificate of merit, and other advanced level courses, which are designated with “HON”, “CM”, or “ADV” on student transcripts.

Advanced Placement Courses:	Advanced Level Courses:
2-D Art & Design	Adv. Ceramics/Sculpture 2, 3, 4
3-D Art & Design	Advanced Design Applications Advanced
Art History	Journalism (newspaper)
Biology	Advanced Journalism (yearbook)
Calculus AB	Advanced Orchestra
Calculus BC	Advanced Painting
Chemistry	Advanced Photography 2, 3, 4
Chinese Language & Culture	Advanced Studio Art 2, 3
Computer Science A	Advanced Technological
Computer Science Principles	American Sign Language 3
Economics - Macro	Applications
Economics - Micro	Anatomy & Physiology
English Language & Composition	Calculus/Applications
English Literature & Composition	Chamber Singers
Environmental Science	Chinese Language, levels
French Language & Culture	Chorus 2 and 3
Human Geography	Computer Programming
Physics C (Elect. & Mag. & Mechanics)	Making for Engineers
Psychology	Programming for Engineers e4usa
Spanish Language & Culture	Forensic Science
Statistics	French Language, levels 5-7
U.S. Government & Politics	Guitar 2, 3, 4
U.S. History	Internship
World History	Jazz Ensemble
	Multivariable Calculus/Differential Equations
	Composition Spanish Language, levels 5-7
	Piano 2
	Symphonic Band
	Symphonic Orchestra
	Philharmonic Orchestra
	Musical Theatre
	Theatre 2

ENGLISH LANGUAGE DEVELOPMENT PROGRAM (ELD Program):

The Richard Montgomery High School ELD Program supports Emergent Multilingual Learners (EML) to prepare them for a successful life in the United States socially and academically. We provide rigorous English instruction based on their grade level and language levels. This may be in sheltered classes with other EML students at the same language levels or in classes co-taught by a content teacher and an EML certified teacher. In addition, most students who are beginner and intermediate English speakers receive extra support in math, science and social studies classes. We provide additional counseling for students and their parents/guardians. Not only do we work to bolster their academic English, we teach study skills so that students thrive in school and move on to college and/or a career, ultimately to contribute to our community as global citizens. Additionally, some students are eligible for our SLIFE (Students with Limited or Interrupted Formal Education) program, which is designed to meet the linguistic and academic needs of EML students who had interrupted schooling. The approach used in this program combines English language development as well as specialized sheltered instruction in reading and math.

TEST DATA

STUDENTS

Seniors: 535 Juniors: 548 Sophomores: 632 Freshmen: 656

MCPS administered the SAT to registered students in September, October, November, and December during national test administrations at selected school test centers. In April 2024, the SAT School Day was administered in all MCPS high schools.

SAT 2023-2024 (CEEB Code: 210910)

Evidence Based Reading and Writing: 614
 Mathematics: 599
 Total: 1213

ACT 2023-2024

School Composite Mean: 27.7 State Composite Mean: 24.5

ADVANCED PLACEMENT EXAMS 2024

1,172 Students Tested 2,508 Exams Taken
 Scores of 5: 812 (32%) Scores of 4: 770 (31%) Scores of 3: 569 (23%)

INTERNATIONAL BACCALAUREATE EXAMS 2024

279 Juniors and Seniors Tested 826 Exams Taken
 Scores of 7: 88 (11%) Scores of 6: 320 (39%) Scores of 5: 271 (33%) Scores of 4: 112 (14%)

Dual Enrollment Collegiate Options

MCPS encourages students to participate in dual enrollment opportunities with local colleges. All college courses are offered at a free or reduced tuition rate. Students may be awarded high school credit for the approved college courses successfully completed. If students choose this option, the college course grades appear on the high school transcript denoted by course titles starting with “CL ADV” followed by the subject and the grade earned in the course. College courses on the high school transcript receive quality points toward their GPA. Families wishing to learn more about Early College and other Dual Enrollment opportunities in partnership between Montgomery College and MCPS may learn more on the MCPS website. Here you will be able to access application links, deadlines, and other pertinent information. <https://www.montgomeryschoolsmd.org/curriculum/partnerships/dual-enrollment>

In 2024, Richard Montgomery graduated 10 students with both a high school diploma and an associate’s degree from Montgomery College which were earned simultaneously through the Early College program.

High School Course taken in Middle School

High school courses taken in middle school will only count in the GPA if it helps improve the overall GPA. There is an automated process that runs twice a year (midyear and end of year) that will automatically exclude grades that bring the GPA down and include grades that improve the GPA. Information on this process is available in the MCPS Regulation IKC-RA.

DISTRIBUTION OF CUMULATIVE GPAs for the Richard Montgomery HS Class of 2024

The Montgomery County Public Schools Board of Education eliminated the policy of providing class rank for students beginning with the class of 1994. Although class rank is not listed on transcripts, the student’s weighted and unweighted GPAs are provided. Weighted GPAs are calculated by adding one quality point to an A, B, or C in Advanced Placement or Advanced Level Courses or to an A, B or C in Honors Courses.

Range	Class GPA	Class Weighted GPA
4.51 & above	0%	38%
4.01-4.50	0%	19%
3.51-4.00	54%	13%
3.01-3.50	18%	11%
2.51-3.00	14%	9%
2.01-2.50	7%	5%
1.51-2.00	6%	5%
1.01-1.50	1%	0%

MARYLAND GRADUATION REQUIREMENTS

22 Credit Hours of Coursework Including the Following:

4 English, 3 Social Studies, 4* Math (*including Algebra and Geometry and must be enrolled in Math each year of HS), 3 Science, 1 Fine Art, 1 Technology Education, 1 Physical Education, 1 Health, 4.5 Electives including 2 credits in the same world language, 75 hours of Student Service. Students must complete high school assessments in English, Algebra, Biology, and Government. Students who earn 240 hours or more above the Student Service Learning requirement of 75 hours earn a Certificate of Meritorious Service from Montgomery County.

ACADEMIC PROGRAMS

MAGNET PROGRAM:

Richard Montgomery High School’s Magnet Program is an IB continuum model recognized for its excellence throughout the world. Each year the school accepts approximately 125 students from a pool of over 1,000 applicants countywide. Acceptance is based on a portfolio containing test scores, writing samples, and a resume. The Magnet Program provides these students with a rigorous and demanding interdisciplinary liberal arts education, which, upon completion of the designated course of study, earns them an internationally recognized diploma. Magnet students also take advantage of the many AP classes offered at the high school and sit for both AP and IB examinations. RMHS offers the IB Middle Years curriculum program at the magnet level in 9th and 10th grades, as well as the IB Diploma Program in 11th and 12th grades. Richard Montgomery Magnet and IB courses are advanced level classes and are designated “RMS” and “IB” on student transcripts.

RICHARD MONTGOMERY MAGNET COURSES:

RMS English 9 & 10	IB Precalculus
RMS World Languages – Chinese, French, Spanish	RMS Biology
RMS Geometry	Magnet Chemistry
Analysis & Application of Functions	AP US Government
	AP US History

IB MIDDLE YEARS PROGRAMME (MYP):

The Richard Montgomery High School MYP is the first of its kind in the state of Maryland to be authorized and accredited by the International Baccalaureate (IB). The MYP is a five-year program for students aged 11-16 years. The high school portion of the program therefore exists in partnership with our local middle school, Julius West (Grades 6-8). Students continue in the MYP at RMHS and engage in a rigorous course of study in six or more subject areas. These include: English language arts, world languages, humanities, mathematics and sciences as required subjects, and at least one of three elective subjects including visual and performing arts, design technology and physical and health education. In grade 10, students undertake a long term, independent research project called a Personal Project. Students who have successfully completed the project will show a passing mark (CR) for the “MYP Research Seminar” course on their transcripts.

IB DIPLOMA PROGRAMME (DP):

The Richard Montgomery High School DP, founded in 1987, has been continuously authorized and accredited by the International Baccalaureate Organization (IBO). The DP is a two-year program for students in 11th and 12th grades. The requirements for an IB diploma include IB course work and passing scores on examinations in English, world language, mathematics, experimental science, social studies, and one elective; completion of a course entitled Theory of Knowledge, a 4,000-word extended essay, and significant Creativity, Activity and Service (CAS) experiences. On average, approximately 40 students join the full IB Diploma Programme beginning in their 11th grade year. These students join the magnet program cohort of students in pursuing the full IB Diploma. Students who joined in 11th grade did not take magnet courses in 9th and 10th grades, but rather took rigorous classes as a part of the Middle Years Programme.

RICHARD MONTGOMERY DP COURSES:

IB English Language and Literature	IB Physics
IB English Literature	IB Mathematics: Applications & Interpretation
IB World Languages– Chinese, French, Spanish	IB Mathematics: Analysis & Approaches
Through level 7 bilingual fluency	IB Computer Science
IB History: Europe	IB Film
IB History: Africa	IB Social & Cultural Anthropology
IB Economics	IB Sports, Exercise, & Health Science
IB Global Politics	IB Theatre
IB Philosophy	IB Visual Arts
IB Biology	
IB Chemistry	
IB Environmental Systems & Societies	

The International Baccalaureate Magnet Diploma Program at Richard Montgomery High School

The International Baccalaureate Programme at Richard Montgomery High School, established in 1987, is a Whole School IB Programme. All 9th and 10th grade students participate in the Middle Years Programme. Students in the Magnet Program were selected through a competitive, countywide student selection process.

STUDENT SELECTION

The IB Magnet Diploma Program at Richard Montgomery High School is a four-year International Baccalaureate continuum program which blends an intensive two-year IB Middle Years preparatory program (grades 9 and 10) with the rigorous international standards of the full Diploma Program (grades 11 and 12). As the IB Magnet Program at Richard Montgomery is a countywide program, entrance is competitive. The IB at Richard Montgomery attracts many of the best students from Montgomery County, Maryland, a community of over a million outside of Washington, DC, with one of the finest public-school systems in the nation. Academically exceptional and motivated students are offered entry to the program after a highly selective process that evaluates standardized admission test scores, a writing assessment, and academic grades. Approximately 1,000 students apply annually for admission; the average freshman class is 125 students.

EXPECTATIONS AND STUDENT SUCCESS

As a result of the selection process, classroom expectations and exam performance are substantially higher than that of comparable programs worldwide. For the May 2024 testing season, IB scores at Richard Montgomery exceeded worldwide averages in 32 subjects.

Individual performance records, e.g. high school transcripts, should be considered in light of the extraordinary nature of the program and its students, who continue as academic community standouts in college. IB students also take advantage of the many AP classes offered at the high school and sit for both AP and IB examinations. IB Magnet students make up approximately 25% of the school population. Richard Montgomery Magnet and IB courses are advanced level classes and are designated “RMS” and “IB” on student transcripts.

- Richard Montgomery High School’s IB Diploma Program continues to rank among the most successful in the world. Student performance on the IB exams reflects the high classroom expectations.
- 98% of Richard Montgomery’s 130 IB candidates in 2024 earned the IB Diploma; (80% worldwide.); RM Diploma Mean Grade 5.42 (4.9 worldwide); RM Diploma Mean Points 34 (30.3 worldwide).
- Student performance on the Advanced Placement exams reflects the high classroom expectations.
- 682 Advanced Placement Exams Taken by IB Students in the Class of 2024 Score Summary:
5 = 47% 4 = 29% 3 = 20%
- The Mean SAT scores for the Class of 2024:
Evidence Based Reading and Writing: 614 Mathematics: 599 Total - 1213
- National Merit Scholarship Competition Finalists - Class of 2024 - 26
- National Merit Scholarship Competition; Semifinalists - Class of 2024- 29
- National Merit Scholarship Competition; Commended Students - Class of 2024- 67
- 2024 Presidential Scholar Semifinalist – 2
- 2024 Presidential Scholar Candidates – 10

IB Magnet Course of Study at Richard Montgomery High School

THE MIDDLE YEARS PROGRAM (MYP):

Students in the MYP Program engage in a rigorous course of study in six or more subject areas. In grade 10, students undertake a long-term, independent research project called a Personal Project. The Personal Project provides students with the opportunity to put into practice the skills and knowledge developed over the course of the program under the guidance of a staff supervisor.

THE FRESHMAN YEAR:

All 9th grade magnet program students are enrolled in an academic program which includes the International Baccalaureate MYP instructional model. These courses are taught at the advanced level: English 9; French, Spanish, or Chinese levels 2 or 3 or 4; AP Government; Biology or Chemistry; Geometry, Analysis and Applications of Functions (AAF), or IB Pre-Calculus. The accelerated speed of these courses allows time for in-depth analysis and sophisticated content more commonly associated with grade 11 and grade 12 high school honors and advanced placement courses. Comprehensive program courses with similar titles at Richard Montgomery do not offer the same content.

THE SOPHOMORE YEAR:

All 10th grade magnet program students continue the IB Diploma preparation. Courses include: English 10; French, Spanish, or Chinese levels 3, 4 or 5; AP U.S. History; Chemistry or AP Physics; AAF, IB Pre-Calculus, AP Calculus AB or BC. Prerequisites for IB electives begin in 10th grade. Again, comprehensive program courses with similar titles at Richard Montgomery do not offer the same content. Students in year 5 of a world language and advanced mathematics sit for the AP equivalent exams.

THE DIPLOMA PROGRAM (DP):

All students complete an Extended Essay (EE), Theory of Knowledge (TOK), and Creativity, Activity and Service (CAS). This program core is above and beyond the academic requirements and is the signature experience of the IB Diploma model. Diploma candidates complete the EE research essay of 4,000 words in one of the subjects of the IB curriculum. The TOK course is an interdisciplinary course that leads students to reflect on the basis of knowledge and experience. Finally, all students participate in and reflect upon CAS experiential learning experiences.

THE JUNIOR YEAR:

In 11th grade, students begin preparing for their six IB subject exams, two of which may be taken in their junior year. Students show strengths in college-level exams in five required disciplines (English, World Language, Social Studies, Science and Math) and one elective discipline (a second world language, a second science, second social science or Computer Science, Film, Theater or Visual Arts). Unlike signature and magnet programs that allow specialization in one or two disciplines, IB expects students to demonstrate cross-curricular strength, which creates an intensely rigorous program for all students. All students must complete at least level 5 of French, Spanish, or Chinese to be able to test in world language. The highest-level world language is 7 and requires a bilingual fluency test.

THE SENIOR YEAR:

In the senior year, IB diploma candidates have demonstrated commendable motivation, determination, and academic achievement. Students complete Higher Level coursework in three or four disciplines and complete coursework leading to additional Standard Level exams. Higher Level offerings include English, Chinese, French, Spanish, History, Biology, Chemistry, Physics, Mathematics, Film, Theatre and Visual Arts. Standard Level course offerings include Chinese, History, Economics, Social Anthropology, Sports, Exercise, & Health Science, Philosophy, Global Politics, Biology, Chemistry, Physics, Environmental Systems, Mathematics, Computer Science, Film, Theater and Visual Arts. Student coursework is assessed throughout the two-year program, with final examinations in May.